

KISELEV, V.V., inzh.; POSTOLENKO, A.I., kand. tekhn. nauk

Improving the design of brake compressors used in diesel locomotives. Trudy TSHII MPS no.163:288-309 '58. (MIRA 12:2)
(Railroads--Brakes) (Air compressors)

GORBUNOV, V.M., inzh.; KISELEV, V.V., inzh.; POSTOLENKO, A.I., kand. tekhn. nauk

Possibilities for using graphite piston rings in locomotive
brake compressors. Trudy TSNII MPS no.163:310-330 '58.

(MIRA 12:2)

(Graphite) (Piston rings) (Railroads--Brakes) (Air compressors)

PONTOLANKO, A.I.; GORODETSKIY, M.N.

Results of the testing of a piston locomotive compressor with
band-pass and uniflow valves. Trudy MIIT no. 179:117-128 '64.
(MIRA 17:7)

POSTOIENKO, A. I.

Cand. Tech. Sci.

Dissertation: "Investigation of the Operation Process of Ejecting Devices Used in Locomotive Water Heaters." Moscow Order of the Labor Red Banner Electromechanical Inst of Railroad Engineers imeni F. E. Dzerzhinskiy, 15 Oct 47.

SO: Vechernyaya Moskva, Oct, 1947 (Project #17836)

POSTOLENKO, A.I., dotsent, kandidat tekhnicheskikh nauk.

Testing scoria separators on model trains. Trudy MBIIIT no.62:76-
87 '53. (MLRA 7:12)

(Locomotives--Fireboxes)

POSTOLENKO, A.I., dotsent, kandidat tekhnicheskikh nauk.

Ejector calculations. Trudy MEMIIT no.62:88-111 '53. (MIRA 7:12)
(Jets) (Locomotives)

POSTOLENKO, G.A.

Seismicity of the U.S.S.R. during 1955. Izv. AN SSSR. Ser. geofiz.
no.2:255-257 F '57. (MLRA 10:4)

1. Akademiya nauk SSSR Institut fiziki Zemli.
(Earthquakes)

SOV/49-58-9-7/14

AUTHORS: Kondorskaya, N.V. and Postolenko, G.A.

TITLE: Seismic Activity of Kuril-Kamchatka Region (Seysmicheskaya aktivnost' Kurilo-Kamchatskoy oblasti za 1954-1956 gg)

PERIODICAL: Izvestiya Akademii Nauk SSSR, Seriya Geofizicheskaya, 1958, Nr 9, pp 1114 - 1120 (USSR)

ABSTRACT: The seismic activities of Kuril-Kamchatka region in 1954-1956 were investigated and found to be especially intensive in S.E. Kamchatka and along the Kuril Islands. The exact positions of epicentres were determined by a method of intersection of S-P and P waves and by the application of Wadati (for near stations) and Jeffreys-Bullen (distant stations) odographs. The accuracy of distance determination was 25-50 km. The focus depth of the earthquakes was found from the tables of relationship between the time interval of SP-P and sS-S waves and the depth. The determination of the intensity of earthquakes was based on the amplitude and period of the surface waves as measured by various stations. The number of earthquakes observed during the whole period was 219 (Tables 1-3).

Card1/3

Seismic Activity of Kuril-Kamchatka Region 1954-1956 SOV/ 49-58-9-7/14

A chart (Figure 1) was prepared to show all the epicentres plotted according to their classification, intensity and depth. This chart shows the following peculiarities: all the earthquakes were directed along the Kuril-Kamchatka line and grouped in the parallel chains. The deep earthquakes (below 300 km) were found in the Okhotsk Sea. Those of the depth between 100 and 300 km were situated near the Kuril Islands, while the ones having a depth of less than 100 km were found off the east coasts of Kamchatka. Generally, the earthquakes could be divided into several groups, such as: S.E. Kamchatka, N. Kuril, E. Simushur, E. Upur and E. Iturup.

In order to determine the frequency of the earthquakes, a density chart was plotted (Figure 2). This chart was based on a number of earthquakes per unit area (1 degree² of longitude and latitude). The highest frequencies were found in the regions: S.E. of South Kamchatka, East of Paramushir and the Onkotan Islands.

The chart, however, could not show the most energetic centres of the earthquakes. Therefore, another chart showing the density of energy distribution was prepared

card2/3

Seismic Activity of Kuril-Kamchatka Region 1954-1956 SOV/49-58-9-7/14

(Figure 3). It was based on an amount of energy (S) per unit of the same area as taken for the frequency chart. This chart shows six regions of various energies from which the East of Urup Island is the most energetic one. It was observed that a large number of transverse tectonic breaks were accumulated in the regions of the most active seismic activity. The region east of the Urup Island, being one of the most active areas, is situated at the juncture of the longitudinal and transverse breaks (8 in Figure 3). Here, in 1918 took place one of the most devastating earthquakes. There are 3 figures, 3 tables and 14 references, 10 of which are Soviet, 1 French and 3 English.

ASSOCIATION: Akademiya nauk SSSR, Institut fiziki Zemli
(Ac.Sc.USSR, Institute of Physics of the Earth)

SUBMITTED: August 28, 1957

card 3/3

Postolenko, G.A.

49 - 2- 11/13

AUTHOR: Kondorskaya, N.V. and Postolenko, G.A.

TITLE: Seismicity in the Soviet Union during 1955. (Seysmichnost' SSSR za 1955 g.)

PERIODICAL: Izvestiya Akademii Nauk, Seriya Geofizicheskaya, 1957, No.2, pp.255-257 (U.S.S.R.)

ABSTRACT: A seismic activity map for 1955 showing plotted earthquakes with intensities of $M \geq 4$ is given. It is based on information supplied by the bulletins of the various Seismic Stations in the USSR. The map is limited to seismic zones, the boundaries of which are given in Table 1, p.256.

The text includes four tables and one map, depicting the epicenters of earthquakes of seismically active zones of the Soviet Union for 1955. There are 5 references, 3 of which are Slavic.

Card 1/2

49 - 2 - 11/13

TITLE: Seismicity in the Soviet Union during 1955. (Seysmichnost' SSSR. za 1955 g.)

ASSOCIATION: Academy of Sciences of the USSR, Institute of Terrestrial Physics (Akademiya Nauk SSSR, Institut fiziki zemli).

PRESENTED BY:

SUBMITTED: 10/23/56

AVAILABLE: Library of Congress

Card 2/2

VOSKRESENSKIY, S.S.; POSTOLENKO, G.A.; SIMONOV, Yu.G.; PATYK-KARA,
N.G.; ANAN'YEV, G.S.; PIMENOVA, R.Ye.; YEVTEYEVA, I.S.;
KUZNETSOVA, L.T.; SOROKINA, Ye.P.; ZORIN, L.V.;
SLADKOPEV'TSEV, S.A.; ARISTARKHOVA, L.B.; MEDVEDEVA, N.K.;
LOPATINA L.I., red.

[Geomorphological studies; work experience in southeastern
Transbaikalia, eastern Fergana, central Kazakhstan, and
the Caspian Lowland] Geomorfologicheskie issledovaniia;
opyt rabot v Iugo-Vostochnom Zabaikal'e, Vostochnoi Fergane,
TSentral'nom Kazakhstane i Prikaspiiskoi nizmennosti. Mo-
skva, Izd-vo Mosk. univ., 1965. 275 p. (MIRA 18:7)

POSTOLENKO, M.

Strengthening of economic cooperation between the Soviet Union
and Iraq. Vnesh.torg. 28 no.12:5-8 '58. (MIRA 12:1)

(Russia--Foreign economic relations--Iraq)

(Iraq--Foreign economic relations--Russia)

POSTOLENKO, M.

Soviet-Iraqi economic relations. Vnesh. torg. 29 no.11:15-18
'59. (MIRA 12:12)

(Russia--Commerce--Iraq)
(Iraq--Commerce--Russia)

STARUN, V.R.; POSTOLITSA, K.K.

Transferring ring and periodic kilns to gas fuel. Ogneupory 23
no.2:54-55 '58. (MIRA 11:2)

1.Zaporozhskiy ogneupornyy zavod.
(Kilns) (Heat engineering)

POSTOLITSA, L.G. [Postolytsia, L.H.]

In vivo exudations of some blue-green algae and their effect
on bacteria. Ukr. bot. zhur. 22 no.5:12-17 '65.

(MIRA 18:10)

1. Dnepropetrovskiy gosudarstvennyy universitet, kafedra
ikhtiologii i gidrobiologii.

POSTOLITSA, L.G.

Effect of some blue-green algae on bacteria. Nauch. dokl. vys. shkoly; biol. nauki no.1:99-103 '65.

(MIRA 18:2)

1. Rekomendovana kafedroy ikhtiologii i gidrobiologii Dnepropetrovskogo gosudarstvennogo universiteta im. 300-letiya vostochno-ukraineniy Ukrainy i Rossiiyey.

Postolitsa, K.K.

131-2-2/10

AUTHORS: Starun, V. R., Postolitsa, K. K.
TITLE: Conversion of Ring and Periodic Furnaces to Gas Fuel
(Perevod kol'tsevykh i periodicheskikh pechey na gazovoye
toplivo)

PERIODICAL: Ogneupory, 1958, Nr 2, pp. 54-56 (USSR)

ABSTRACT: Until 1956, the baking process in the chamotte department of the Zaporozh'ye Plant represented a bottleneck which was removed by the adaption of the furnaces to gas heating, as well as by a transformation of the periodic furnaces into ring furnaces. This transformation was effected, without a stoppage of the furnace, by conducting a number of works in advance, as there are the introduction of the main ducts for gas, the working of holes into the furnace foundations and so on. Technical data on the furnaces may be taken from the table. The vaults of the ring-furnaces are constructed of light Dinas instead of chamotte (see figure 1). The outlay of the gas pipes is represented in figure 2. An operation of the ring-furnaces with a mixture of coke- and furnace gas with a constant content of calories ensures a stable baking process, at the same time reducing the specific fuel

Card 1/2

Conversion of Ring and Periodic Furnaces to Gas Fuel

131-2-2/10

consumption. The products show uniform baking and stable physical and chemical properties, which were achieved by an economical two-side gas supply (figure 3). By this adaption the output of the furnaces was increased, the furnace temperatures were equalized, the output of defective products was decreased, and the operation conditions for the operational staff were improved. There are 3 figures, and 1 table.

ASSOCIATION: Zaporozh'ye Plant of Refractory Products
(Zaporozhskiy ogneupornyy zavod).

AVAILABLE: Library of Congress

Card 2/2

POSTOLKO, Janusz, mgr

Electrolytic rhodination of low-rate contacts. Przegl elektrotechn
41 no.3:102-103 Mr '65.

POSTOL'NIK, Yu.S.; TYLKIN, M.A.

Analytic and experimental determination of the temperature conditions
of performance of blades of bloom shears. Inzh.-fiz. zhur. 7 no.9:14-18
S '64. (MIRA 17:12)

1. Metallurgicheskiy zavod-vtuz imeni M.I.Arsenicheva, Dneprodzerzhinsk.

POSTOL'NIK, Yu.S.

Radiative heating of bodies of simple shape. Inzh.-fiz. zhur. 8
no.1:64-71 Ja '65. (MIRA 18:3)

1. Metallurgicheskiy zavod-vtuz imeni M.I. Arsenicheva,
Dneprodzerzhinsk.

POSTOL'NIK, Yu.S., kand. fiziko-matem. nauk

Limitation in the applicability of equations of the movement of a load suspended on a weighable, viscoplastic, flexible rope with varying length. Izv. vys. ucheb. zav.; gor. zhur. no.5: 144-151 '61. (MIRA 16:7)

1. Dneprodzerzhinskiy metallurgicheskiy zavod-vtuz. Rekomendovana kafedroy tekhnicheskoy mekhaniki.
(Mine hoisting)

137-58-2-2900

Postol'nik, Yu.S.

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 2, p 99 (USSR)

AUTHORS: Derkach, P. Kh., Postol'nik, Yu. S.

TITLE: Determining the Total Force Exerted in the Upsetting of Bolts
(Opredeleniye usiliy vysadki boltov)

PERIODICAL: Nauchn. zap. Dnepropetr. un-t, 1956, Vol 45, pp 161-170

ABSTRACT: A method is given for computing theoretically the total force exerted in the cold upsetting of bolts. According to this method the punch cavity, having the shape of the frustum of a cone, is referred to a spherical system of coordinates r , θ , and φ , with the origin of the coordinates at the vertex of the completed cone. In the solution of the problem the deformation rate and upsetting temperature are neglected. This method makes it possible to determine the distribution of stresses over the entire surface of the cone-shaped punch and to ascertain the total force exerted in upsetting bolts of different sizes, said total force being taken as the sum of the projections of all the forces on the surface which arise from the normal and tangential stresses upon the bolt's axis. Comparing the results of the theoretical and experimental determination of the total force involved revealed that

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137-58-2-2900

Determining the Total Force Exerted in the Upsetting of Bolts
the method employed here could be used for production purposes.

G.F.

1. Bolts--~~Manufacture~~--Mathematical analysis

Card 2/2

L 62662-65 EWT(1)/EPF(c)/EPF(n)-2/ENG(m) WW
ACCESSION NR: AP5017122

UR/0198/65/001/006/0014/0020

AUTHOR: Postol'nik, Yu. S. (Dneprodzerzhinsk)

TITLE: Radiation heating of a cylinder

SOURCE: Prikladnaya mekhanika, v. 1, no. 6, 1965, 14-20

TOPIC TAGS: radiation heat transfer, ²conduction heat transfer, temperature distribution, nonlinear equation

ABSTRACT: The axially symmetric problem of heating a cylinder with nonlinear boundary conditions of the Stefan-Boltzmann type was solved analytically using the method of mean functional corrections. The governing heat conduction equation is given by

$$\frac{\partial T}{\partial t} = a \left(\frac{\partial^2 T}{\partial r^2} + \frac{1}{r} \frac{\partial T}{\partial r} \right)$$

with boundary conditions

$$\left. \frac{\partial T}{\partial r} \right|_{r=R} = h(T_c^4 - T_h^4); \quad \left. \frac{\partial T}{\partial r} \right|_{r=0} = 0,$$

and the homogeneous initial conditions $T(r, 0) = T_0 = 0$. The solution is carried out in two steps. First, the initial heating stage is considered by the mean functional

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ACCESSION NR: AP5017122

correction

$$\frac{\partial^2 u_1}{\partial q^2} = f_1(\tau);$$

$$f_1(\tau) = \frac{1}{\delta - \beta(\tau)} \int_0^\delta \left(\frac{\partial u_1}{\partial \tau} - \frac{1}{q} \frac{\partial u_1}{\partial q} \right) dq,$$

where $u = T/T_c$. This leads to the closed form solution

$$T_1(r, t) = hT_c \sqrt{3at} \left(1 - \frac{R-r}{2\sqrt{3at}} \right)^2;$$

$$l(t) = R - b(t) = 2\sqrt{3at}.$$

The second heating stage is governed by the equation

$$\frac{\partial^2 u_2}{\partial q^2} + \frac{1}{q} \frac{\partial u_2}{\partial q} = f_2(\tau);$$

$$f_2(\tau) = \frac{1}{\delta} \int_0^\delta \frac{\partial u_2}{\partial \tau} dq,$$

with the solution

$$u_2(q, \tau) = u_{2n}(\tau) - \frac{\delta}{2} [1 - u_{2n}^2(\tau)] \left(1 - \frac{q^2}{\delta^2} \right).$$

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ACCESSION NR: AP5017122

This solution is compared with an approximate method where the temperature field is assumed to obey an n-power parabola $1.5 \leq n \leq 2$, whereas the exact solution given above yields a quadratic distribution. Orig. art. has: 51 equations and 1 figure.

ASSOCIATION: Dneprodzerzhinskiy metallurgicheskii zavod-vtuz (Dneprodzerzhinsk Metallurgical Factory-Technical Institute)

SUBMITTED: 27Apr64

ENCL: 00

SUB CODE: TD,
NP

NO REF SOV: 004

OTHER: 000

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Card 3/3

NEFEDOV, A.A.; POSTOL'NIK, Yu.S.

Calculating for strength rolls with an annular recess. Izv.
vys. ucheb. zav.; chern. met. 6 no.12:118-125 '63.

(MIRA 17:1)

1. Dneprodzerzhinskiy metallurgicheskiy zavod-vtuz.

POSTOL'NIK, Yu.S. (Dneprodzerzhinsk)

Application of Lagrange's method to the dynamics of a viscoelastic
thread (rope) of variable length with a load at one end. Izv. vys. ucheb.
zav.; mat. no.2:94-100 '63. (MIRA 16:3)
(Mechanics) (Hoisting machinery) (Elasticity)

SOV/124-58-8-9155

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 8, p 120 (USSR)

AUTHORS: Derkach, P.Kh., Postolnik, Yu.S.

TITLE: Determining the Forces Involved in the Upsetting of Bolts
(Opredeleniye usilii vysadki boltov)

PERIODICAL: Nauchn. zap. Dnepropetr. un-t, 1956, Vol 45, pp 161-170

ABSTRACT: When bolts are fabricated by dual-impact automatic cold-upsetting presses, the initial impact changes the shape of the billet from that of a cylinder to that of a truncated cone. The truncated-cone-shaped cavity of the punch is referred to the spherical system of coordinates (r, θ, ϕ) . The problem considered is assumed to be axisymmetric and the stress components to be functions of the coordinates r and θ only. The solution is simplified and reduces to a nonlinear second-order partial differential equation with variable coefficients. The force of friction is assumed to attain its maximum value on the lateral surface and to be evenly distributed there along the generatrix. In solving the differential equation the authors use the method of characteristics. The equation for the second impact of the punch is solved in a similar manner. Formulae

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SOV/124-58-8-9155

Determining the Forces Involved in the Upsetting of Bolts

are obtained for the stress distribution over the surface, and the total impact force is calculated. Calculations carried out for a specific case are compared with the experimental findings and found to be in satisfactory agreement.

V.G. Osipov

Card 2/2

POSTOL'NIY, A.N., inzh.

Alkyl sulfates from alcohols contained in unsaponifiables-II
Report No.2: Characteristic surface active properties of alkyl
sulfate solutions. Masl.-zhir. prom. 25 no.6:33-36 '59.
(MIRA 12:8)

1.Khar'kovskiy politekhnicheskij institut imeni V.I. Lenina.
(Cleaning compounds) (Unsaponifiable matter)
(Sulfuric acid)

POSTOL'NY, A.N., inzh.

Alkyl sulfates from alcohols contained in unsaponifiable matter (II).
Report No.1: Preparation of alkyl sulfates. Masl.-zhir.yer., 25.no.6:
22-26 '59. (KIRA 12:7)

1. Khar'kovskiy politekhnicheskii institut.
(Alcohols) (Unsaponifiable matter) (Sulfuric acid)

POSTOL'NIY, A.P. [Postol'nyi, A.P.]

Alcohol extraction from unsaponifiables II. Khim. prom.
[Ukr.] no.3:21-24 J1-S '63. (MIRA 17:8)

1. Khar'kovskiy politekhnicheskiy institut.

Posysayev, A. I.
POSYSAYEV, A., inzh.

The C-285B continuous action portable cement mixer. Stroitel' no.9:
15-18 S '57. (MIRA 10:12)

(Cement)

BUDNIKOV, A.S., inzh.; POSYSAYEV, A.I., inzh.; BELOV, B.A., inzh.;
FOKIN, M.V., inzh.

S-285A continuous-action automatically controlled mobile
motor-mixing unit. Rats. i izobr. predl. v stroi. no.2:105-109
'57. (MIRA 11:1)

1.TSentral'naya nauchno-issledovatel'skaya laboratoriya - 3 (for
Budnikov, Posysayev). 2.Vsesoyuznyy nauchno-issledovatel'skiy
institut Stroydormash (for Belov, Fokin).
(Mixing machinery)

Postolitsa, K.K.

✓ 1521. RAPID FIRING IN RING KILN. Starun, V.R. and
Postolitsa, K.K. (Ogneupory (Fireproof Mat., Moscow), 1952, Vol. 17,
476). Improvements in ring kilns fired with producer gas, and methods of
intensifying the firing of refractories, are discussed on the basis of
experience in a Russian plant. B. Ceram. R.A. *See* (2)

1. STARUN, V. R.; POSTOLITSA, K. K., ENGS
2. USSR (600)
4. Furnaces
7. Accelerated annealing of products in ring furnaces. Ogneupory 17 no. 10, 1952

9. Monthly List of Russian Accessions, Library of Congress, January 1953, Unclassified.

POSTOLITSA, K. K.

PA 187T20

USSR/Engineering - Refractories, Equipment Jul 51

"Rationalization of the Floor of Periodic Kilns,"
V. R. Starun, K. K. Postolitsa, Engineers, "Krasnaya
Zvezda" (Red Star) Plant

"Ogneupory," No 7, pp 302-305

Investigated 5 periodic kilns for improvement in
turnover time and fuel economy. Evolved following
measures: increase in hydraulic resistance of floor
grate by decreasing area of openings to 6-7.5% of
floor area in kilns of up to 100 cu m; rational
distribution of floor openings in respect to direc-
tion of main flue; increase in firebox vol to 10-11%
of useful vol of kiln.

LC

187T20

BOS

*Manufacturing Processed
Fuel, Kilns, Firing*

266. Re-design of the hearth of periodic kilns.—V. R. STARUN and N. K. POKHITSA
(*Ogarevsky*, 16, 302, 1951). An investigation was carried out with 5 Russian periodic
kilns used for common bricks with a view to reconstructing the hearth so as to reduce
the percentage of under-fired ware and fuel consumption. In kilns with a vol. of
100 m.³ it was found that to achieve this, it was necessary to increase the resistance of
the hearth to gas flow by reducing the open area to 6-7.5% of the useful hearth area
and to increase the vol. of the firing chamber to 10-11% of the useful kiln vol. (4 figs.,
2 tables.)

POSTOL'NIK, Yu.S., kand.fiziko-matem.nauk

Determining the first two natural vibration frequencies in plastic-elastic strings (of a wire rope) of variable length with load at one end. Izv. vys. ucheb. zav. gor. zhur. no.8:126-132 '60.
(MIRA 13:9)

1. Denprodzerzhinskiy vecherniy metallurgicheskiy institut. Rekomendovana kafedroy tekhnicheskoy mekhaniki.
(Wire rope--Vibration)

POSTOL'NIK, Ya.S. (Kiev).

Dynamics of heavily loaded elastic-plastic wire ropes of variable length on deep level lifts [with summaries in Russian and English].
Prikl.mekh. 3 no.2:186-195 '57. (MIRA 10:9)

1. Institut matematiki AN URSR.
(Wire-rope transportation) (Strains and stresses)

POSTOL'NIK, Yu.S.

Seminar on the dynamics of mine hoist cables. Ukr. nat. zhur. 6
no.2:257-258 '54. (MLRA 8:5)
(Wire rope) (Mine hoisting)

POSTOL'NIK, Yu.S.

Dynamics equations for an elastic-tensile cord (cable) of variable length in cases of lift from considerable depths. Dop.AN URSR no.4: 341-343 '55. (MIRA 9:2)

1. Institut matematiki AN URSR. Predstaviv diysniy chlen AN URSR G.M.Savin.

(Cables) (Elastic rods and wires)

POSTOL'NIK, Yu. S.:

POSTOL'NIK, yu. S.: "The dynamics of weighable elastic-ductile thread of variable length with a load at the end." Kiev State Pedagogical Inst imeni A. M. Gor'kiy. Kiev, 1956. (DISSERTATION For the Degree of Candidate in PHYSICOMATHEMATICAL SCIENCES.)

so: Knizhnaya letopis', No. 24, 1956

POSSOL'NIY, A.N., Cand Tech Sci-(diss) "Study of the possibility of the
extraction of alcohol from "non-responsible" preparations for the purpose
of obtaining detergent ^{preparations from them."} Khar'kov, 1952. 16 pp (Min of Higher
Education USSR. Khar'kov Polytech Inst in V.I. Lenin), 150 copies
(U, 21-52, 103)

-65-

POSTOL'NYY, A.N.

POSTOL'NYY, A.N., inzh.

Composition and properties of unsaponifiable matter produced in the
manufacture of synthetic fatty acids. Masl.-zhir. prom. 23 no.8:
30-32 '57. (MIRA 10:12)

1. Khar'kovskiy politekhnicheskii institut.
(Acids, Fatty) (Hydrocarbons)

POSTOL'NYY, A.N.

~~Alcohols and ketones~~ obtained by conversion of oxygen compounds
of unsaponifiabiles. Masl.-zhir. prom. 24 no.10:15-19 '58.
(MIRA 11:10)

1. Khar'kovskiy politekhnicheskii institut.
(Carbonyl compounds) (Alcohols)
(Unsaponifiable matter)

TYUTYUNNIKOV, B.N., prof.; POSTOL'NIY, A.N.

Separation of an industrial alcohol fraction from unsaponifiable
matter (II). Masl.-zhir. prom. 24 no.4:27-30 '58. (MIRA 11:5)

1. Khar'kovskiy politekhnicheskii institut.
(Unsaponifiable matter) (Alcohols)

POSTOL'NYY, A.N.
FYUTYUNNIKOV, B.N., doktor' tekhnicheskikh nauk, professor; POSTOL'NYY, A.N.

Determining the content of paraffin hydrocarbons in mixtures with
neutral acid-containing compounds. Masl.-shir.prom. 23 no.6:26-28
'57. (MLRA 10:7)

1. Khar'kovskiy politekhnicheskii institut.
(Hydrocarbons--Analysis)

KOMAR, T., bukhgalter; ZELEZINSKAYA, S.; POSTOLOV, I.; DORONIN, N.

Problems in managerial planning, calculation, and organization.
Muk.telev. prom. 29 no.2:16-17 F '63. (MIRA 16:8)

1. Starshiy ekonomist Grodnenskogo upravleniya khleboproduktov (for Zelezinskaya).
2. Ministerstvo proizvodstva i zagotovok sel'skokhozyaystvennykh produktov Uzbekskoy SSR (for Postolov).
3. Glavnyy inzh. Lukhovitskoy sel'nitsy Moskovskoy oblasti (for Doronin).

(Grain)

POSTOLOV, I.

Brigade of communist labor at the Tashkent Grain Center. Mik.-elev.
prom. 28 no.8:17 Ag '62. (MIRA 17:2)

1. Ministerstvo proizvodstva i zagotovok sel'skokhozyaystvennykh produktov UzSSR.

POSTOLOV, I.

· Maturity diploma. NTO 5 no.2:19-20 F '63.

(MIRA 16:3)

- 1. Neshtatnyy organizator Uzbekskogo pravleniya Nauchno-tekhnicheskogo obshchestva mikomol'no-krupyanoy promyshlennosti i elevatornogo khozyaystva.

(Uzbekistan—Food industry)

TSUNTS, Zinoviy Izrailevich; POSTOLOV, Iosif Vladimirovich;
LEBEDEV, S.G., red.

[Wastes of various industries as an important source of
feed supply in animal husbandry] Otkhody otraslei pro-
myshlennosti - vazhnyi rezerv kormovoi bazy zhivotno-
vodstva. Tashkent, Uzbekistan, 1964. 37 p.
(MIRA 18:4)

POSTOLOV, M. P.

"Suprapubic Fistula as a Prophylactic for Urosep-
sis in Spinal Wounds," Vest. Khirurgii, 68, No. 1,
1948. Nth Front, Neurosurgical Hosp., -cl948-.

Doc Med Sci

POSTOLOV, M. P.

Dissertation: "Early Surgical Treatment of the Gunshot Wounds of Spine and
Spinal Cord."
10/11/50

Acad Med Sci USSR

SO Vecheryaya Moskva
Sum 71

POSTALOV N. P.

Nekotorye vegetativnye reaktsii pri mekhanicheskom razdrazhenii
tverdoi mozgovoï obolochki spinnogo mozga. [Certain autonomic
reactions in mechanical stimulation of the dural membrane of the
spinal cord.] Arkh. pat., Moskva 12:4 July-Aug 50 p. 68-76.

1. Of the Faculty Surgical Clinic imeni A. P. Krymov (Head --
Active Member AAS USSR A. P. Krymov), Kiev Medical Institute and
of the Department of Experimental Pathology (Head -- Corresponding
Member of the Academy of Medical Sciences USSR Prof. N. N.
Gorev), Institute of Experimental Pathology imeni Academician
A. A. Bogomolets, Kiev.

GLML 19, 5, Nov 50

POSTOLOV, M. P.

Gall Bladder - Diseases

Total torsion of the gall bladder. Vest. khir. 72 No. 2, 1952

9. Monthly List of Russian Accessions, Library of Congress, August 1953, Unclassified.

2

POSTOLOFF M. P.

2789. POSTOLOFF M. P. *The pathogenesis of urosepsis after lesions of the vertebral column (Russian text) ARKH. PATOL. (Moscow) 1953, 5 (45-47)
In a previous study (Ark. Patol. 1950, 4) it was shown that by irritation of the spinal dura mater a reflex dilatation of the renal vessels could be produced. After transection of the spinal cord, this could only be achieved from the proximal end. The present paper deals with the problem of extramedullary efferent pathways for the reflex described. In dogs the lower thoracic and all the lumbar sympathetic ganglia were removed. A few hours after the operation, the spinal dura was irritated: the renal reflex-determined oncometrically - remained absent, irrespective of the site of stimulation (from cervical to lumbar) of the dura. The efferent route of the reflex thus leads over the sympathetic ganglia. After novocain block of the ganglia the reflex cannot be aroused either. It is proposed, therefore, to apply this method therapeutically in order to prevent dystrophic processes in the kidney after vertebral lesions.
Brandt - Berlin

SO: Excerpta Medica, Section V, Vol. 7 No. 9

POSTOLOV, M.P.

(Mikhail Petrovich)

Early Surgical Treatment of Firearm Wounds of the Spinal Cord and Column,"
(Dissertation), Academic Degree of Doctor in Medical Sciences, based on his
defense, 1 April 1954, in the Council of the Kiev Order of Labor Red Banner
Medical Inst im. Bogomolets,

~~MM~~ - m - 3,054, 178, 2 Oct. 57

POSTOLOV, M.P., kandidat meditsinskikh nauk (Kiev, Bul'var Shevchenko,
d. 17. Klinika fakul'tetskoy khirurgii im A.P.Krylova)

Sergei Petrovich Kolomin. Vest. Khir. 74 no.4:88-91 Je '54.
(MLRA 7:7)

1. Iz fakul'tetskoy khirurgicheskoy kliniki im. akad. A.P.Krylova
(sav. prof. A.P.Krylov) Kiyevskogo ordena Trudovogo Krasnogo Znameni
medinstituta im A.A.Bogomol'tsa.
(KOLOMIN, SERGEI PETROVICH, 1842-1866)

POSTOLOV, M.P.

Changes in the activity of the heart and lungs following injuries of the spinal cord. *Fiziol. zhur. [Ukr.]* 1 no.6:61-67 N-D '55.

(MLRA 10:1)

1. Kiivs'kiy medichniy institut imeni akademika O.O.Bogomol'tsya, fakul'tets'ka khirurgichna klinika.

(SPINAL CORD--WOUNDS AND INJURIES) (HEART--DISEASES)

(LUNGS--DISEASES)

POSTOLOV, M.P., kandidat meditsinskikh nauk

A true embryonic hernia. Vest.khir.76 no.8:121-122 S '55 (MLRA 8:11)

1. Iz fakul'tetskoy khirurgicheskoy kliniki im. A.P.Krymova
(dir.--prof. A.P.Krymov) Kiyevskogo ordena Trudovogo Krasnogo
Znameni meditsinskogo instituta im. akad. A.A.Bogomol'tsa Kiyev.
ul. Zhertv revolyutsii, d.4-a, korp.2, kv.34.

(HERNIA, in inf. and child
embryonic, surg.in newborn)
(INFANTS NEWBORN, dis.
hernia, embryonic surg.)

POSTOLOV, M.P., doktor meditsinskikh nauk.

~~XXXXXXXXXXXX~~

IU111 Karlovich Shimanovskii, 125th anniversary of his birth. Vest.
khir. 76 no.11:135-139 '55. (MLRA 9:4)

1. Iz fakul'tetskoy khirurgicheskoy kliniki imeni. A.P. Krymova
(dir.-deystvitel'nyy chlen AMN professor A.P. Krymov) Kiyevskogo
ordena Trudovogo Krasnogo Znameni meditsinskogo instituta imeni
A.A. Bogomol'tsa.

(SURGERY, history
contribution of Iu. K. Shimanovskii)
(BIOGRAPHIES,
Shimanovskii, Iu. K.)

POSTOLOV, M.P.

POSTOLOV, M.P.

History of the preparation of antidiphtheritic serum in Kiev.
Mikrobiol. zhur. 18 no.2:58-62 '56. (MLRA 10:9) ,

1. Z Kiivs'kogo medychnogo institutu im. O.O.Bogomol'tsya.
(IMMUNE SERUMS,
antidiphtheric, hist. of prep. in Russia (Uk))
(DIPHTHERIA, immunology,
antidiphtheric serum, hist. of prep. in Russia (Uk))
(PAVLOVSKII, Aleksandr Dmitrievich, b.1857)

POSTOLOV, Mikhail Petrovich

[Surgeons of Kiev University; contemporaries and followers
of L.I.Pirogov] Khirurgi Kievskogo universiteta; sovremenniki i nasledovateli N.I.Pirogova. Kiev, Izd-vo Akademii nauk Ukr.SSR, 1957. 93 p. (MIRA 12:6)
(KIEV UNIVERSITY) (SURGEONS)

POSTOLOV, M.P., referent, doktor meditsinskikh nauk

Minutes of sessions of the Surgical Society of Kiev and Kiev
Province. Nov.khir. arkh. no.1:89-95 Ja-P '57. (MLRA 10:6)
(SURGERY)

6
POSTOLOV, M.P., doktor meditsinskikh nauk, referent

Minutes of sessions of the Surgical Society of Kiev and Kiev
Province. Nov.khir.arkh. no.2:88-94 Mr-Apr '57. (MIRA 10:8)
(SURGERY)

POSTOLOV, M. P.

POSTOLOV, M.P., kand.med.nauk (Kiyev)

~~Pathogenesis of pulmonary emphysema in cerebrospinal injuries.~~
Klin.med. 35 [1.e.34] no.1 Supplement:49-50 Ja '57. (MIRA 11:2)

1. Iz fakul'tetskoy khirurgicheskoy kliniki imeni A.P.Krymova (dir. deystvitel'nyy chlen AMN SSSR prof. A.P.Krymov) Kiyevskogo ordena Trudovogo Krasnogo Znameni meditsinskogo instituta imeni A.A. Bogomol'tsa.

(EMPHYSEMA, PULMONARY)

(SPINAL CORD--WOUNDS AND INJURIES).

POSTOLOV, M. P.

BYALIK, V.L.; POSTOLOV, M.P.

Some pathological problems in the A.A. Charukovskii's work "Military field medicine." Arkh. pat. 19 no.1:82-85 '57 (MLRA 10:4)
(MEDICINE, MILITARY--HISTORY)

BOYKO, V.K., referent., POSTOLOV, M.P., doktor med.nauk, referent.

Minutes of sessions Nos. 47-51 of the Kiev and Kiev Province Surgical
Society. Nov.khir.arkh. no.1:85-96 Ja-F '58 (MIRA 11:11)
(SURGERY)

POSTOLOV, M. P.

BYALIK, V.L., doktor med. nauk (Kiyev, ul. Kalinina, d.3, kv.10); POSTOLOV,
M.P., doktor med. nauk (Kiyev)

Some aspects of surgery in A.A.Charukovskii's "Military Campaign
Medicine." Vest. khir. 80 no.2:135-139 P '58. (MIRA 11:3)

(MEDICINE, MILITARY AND NAVAL

contribution of A.A.Oherukovskii (Rus)

(SURGERY

same)

POSTOLOV, M.P., prof.

Indications for stomach resection for exclusion. Zdrav. Turk. 4
no.6:9-12 N-D '60. (MIRA 14:1)

1. Iz kafedry fakul'tetskoy khirurgii (zav. - prof. M.P.Postolov)
Tashkentskogo gosudarstvennogo meditsinskogo instituta.
(PEPTIC ULCER)

POSTOLOV, M.P.

Omentonephropexy as a method of therapy in portal hypertension.
Eksper. khir. 5 no. 5:27-29 '60. (MIRA 14:1)
(PORTACAVAL ANASTOMOSIS)

POSTOLOV, M.P.

[Petr Fokich Borovskii; his life and activities, 1863-1932]
Petr Fokich Borovskii; zhizn' i deiatel'nost', 1863-1932.
Tashkent, Medgiz UzSSR, 1961. 62 p. (MIRA 15:10)
(BOROVSKII, PETR FOKICH, 1863-1932)

POSTOLOV, M.P., doktor meditsinskikh nauk

Disorders in the evacuatory function of the stump of the stomach following resection. Med. zhur. Uzb. no.1:13-15 Ja '61.

(MIRA 14:6)

1. Iz kafedry fakul'tetskoy khirurgii lechebnogo fakul'teta Tashkentskogo gosudarstvennogo meditsinskogo instituta.

(~~STOMACH~~-SURGERY)

POSTOLOV, M.P., prof.

Splenoportography as a method of diagnosis of a portal block.

Nov.khir.arkh. no.11:22-26 '61.

(MIRA 14:12)

1. Kafedra fakul'tetskoy khirurgii (zav. - prof. M.P. Postolov)
lechebnogo fakul'teta Tashkentskogo meditsinskogo instituta.
(PORTAL VEIN) (SPLEEN—RADIOGRAPHY)

POSTOLOV, M.P.; ASHRAPOVA, M.A.; KARITSKAYA, G.K.; MEDVEDEVA, T.S.,
red.; AGZAMOV, K., tekhn. red.

[X-ray study in portal hypertension] Rentgenologicheskoe is-
sledovanie pri portal'noi gipertonii. Tashkent, Medgiz UzSSR,
1962. 57 p. (MIRA 15:9)
(PORTAL HYPERTENSION) (DIAGNOSIS, RADIOSCOPIC)

POSTOLOV, M.P.; CHAYKA, G.V., red.; AGZAMOV, K., tekhn. red.

[Changes in some internal organs in injuries to the
spinal cord] Izmeneniia v nekotorykh vnutrennikh orga-
nakh pri travmakh spinного mozga; kliniko-eksperimental'-
noe issledovanie. Tashkent, Medgiz UzSSR, 1963. 118 p.
(MIRA 17:1)

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POSTOLOV, M.P., prof.

Splenomanometry and splenoportography as a method of diagnosis of portal hypertension. ~~Kaf.~~ med. zhur. no. 3:32-35 My-Je '63.

(MIRA 16:9)

1. Kafedra fakul'tetskoy khirurgii lechebnogo fakul'teta (zav. - prof. M.P. Postolov) Tashkentskogo meditsinskogo instituta.

(SPLENOPORTOGRAPHY) (PORTAL HYPERTENSION)
(BLOOD PRESSURE—MEASUREMENT)

POSTOLOV, M.P., prof.

Splenomanometry in the diagnosis of portal hypertension. Vest.
khir. 89 no.11:30-33 N '62. (MIRA 16:2)

1. Iz kafedry fakul'tetskoy khirurgii lechebnogo fakul'teta
(zav. - prof. M.P. Postolov) Tashkentskogo meditsinskogo insti-
tuta.

(LIVER--CIRRHOSIS) (SPLEEN) (PORTAL HYPERTENSION)
(MANOMETER)

POSTOLOV, M.P., prof.; RAKITINA, Z.A.

Some changes in renal function in portal hypertension before and after surgery. Vrach.delo no.1:124-125 Ja '63.

(MIRA 16:2)

1. Fakul'tetskaya khirurgicheskaya klinika (zav. - prof. M.P. Postolov) lechebnogo fakul'teta Tashkentskogo meditsinskogo instituta.

(PORTAL HYPERTENSION) (KIDNEYS)

POSTOLOV, P.M.

Introductory anesthesia by hemithiamine, a derivative of
vitamin B₁. Trudy 1-go MMI 33:414-420 '64.

(MIRA 18:3)

YEFREMOV, R.D. [IEfremov, R.D.]; POSTOLOVA, N.F. [Postolova, N.S.];
LOZITSKAYA, M.F. [Lozyts'ka, M.F.]

Use of acetate silk in the manufacture of Art. 7143 plush.
Leh. prom. no.3:51-52 J1-S '65. (MIRA 18:9)

BOYKO, N.A. [Boiko, N.O.]; POSTOLOVA, N.S.

Mechanization of size preparation production and distribution.
Lsh. prom. no.4:30-31 G-D '65. (HRA 19:1)

L 41779-65 EWT(1)

ACCESSION NR: AP5005765

S/0170/65/008/001/0064/0071

AUTHOR: Postol'nik, Yu. S.

TITLE: Radiant heating of bodies of simplest form

SOURCE: Inzhenerno-fizicheskiy zhurnal, v. 8, no. 1, 1965, 64-71

TOPIC TAGS: radiant heating, stationary heating, nonstationary heating, temperature distribution, heating rate, heating depth

ABSTRACT: The author considers symmetrical heating of a plate or of a cylinder which are insulated on the ends. It is assumed that all the heat transfer to the plate or cylinder is by radiation, since most experiments are made under muffle oven conditions. The heat conduction equation with suitable boundary conditions is solved in two stages, dealing the the transient and steady heating separately. The transient component is determined approximately by the method of averaging functional corrections, developed by Yu. D. Sokolov (DAN UkrSSR, no. 2, 1955 and UMZh 9, no. 1, 1957). The heating medium (in the muffle oven) and the thermal parameters of the problem are assumed constant. Formulas in first approximation

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L 41779-65

ACCESSION NR: AP5005765

are obtained for the temperature distribution function, for the depth of the heating zone, for the heating rate, and for the time of transient heating. It is shown that the transient time of a cylinder is half that of a plate whose thickness is equal to the cylinder diameter. This agrees with the results by others and serves as a check on the method. The steady heating, which follows the transient heating, is time dependent, but the relative character of the temperature distribution over the cross section of the heated body remains constant. The formulas derived for this case are likewise in agreement with the results by others, thus showing that the method of averaging of functional corrections gives sufficiently accurate results even in the first approximation. Orig. art. has: 49 formulas.

ASSOCIATION: Metallurgicheskii zavod-vtuz im. M. I. Arsenicheva, Dneprodzherzhinsk
(Metallurgic Plant and Technical College)

SUBMITTED: 29Apr64

ENCL: 00

SUB CODE: TD

NR REF SOV: 006

OTHER: 000

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Card 2/2

POSTOLOVSKIY, S.N., inzh.

Increase in the efficiency of draft and blast machines. Elek. sta. 35
no.9:9-15 S '64. (MIRA 18:1)

POSTOLSKI, J.; PERKOWICZ, J.

Air coolers, an effective means of preventing the drying of frozen meat. p. 9

GOSPODARKA MIESNA (Polskie Wydawnictwa Gospodarcze) Warszawa, Poland
Vol..11, no. 4, Apr 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 9, Sept. 1959
Uncl.

POSTOLSKI, J.

Histological changes during the freezing and storage of frozen meat. p. 10

GOSPODARKA MIESNA (Polskie Wydawnictwa Gospodarcze) Warszawa, Poland.
Vol. 11, no. 5, May 1959

Montly List of East European Accessions (EEAI) LC, Vol. 8, no. 9, Sept 1959
Uncl.

SOV/96-58-8-8/22

AUTHORS: Gotgel'f, I.M. (Candidate of Technical Science) and
Postolovskiy, S.N. (Engineer)

TITLE: Draught-producing Equipment for High-capacity Boilers
(Tyago-dut'yevye mashiny dlya kotlov bol'shoy moshchnosti)

PERIODICAL: Teploenergetika, 1958, Nr 8, pp 39-44 (USSR)

ABSTRACT: At present, Soviet factories produce a standard series of forced- and induced-draught fans using the aerodynamic scheme 0.7 - 37 of the Central Boiler Turbine Institute. These machines, when used with guide vanes, have an optimum efficiency of 70%; they consume at least 20% less electric power under optimum conditions than the equipment made before 1954. Meanwhile, boiler outputs are rising; boilers of 640 tons/hour are being made and outputs of up to 2000 tons per hour are projected. It is proposed to continue to use two forced- and two induced-draught fans per boiler. The resistances of the gas and air ducts of the new boilers will be much the same as in current ones, and will be in the range 350 - 500 kg/m². Accordingly, the speed criteria of the fans will increase. For fans running at higher speed the Central Boiler Turbine

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SOV/96-58-8-3/22

Draught-producing Equipment for High-capacity Boilers

Institute has developed new schemes, characterised as 0.8 - 37, with forward curving blades, and 0.7 - 160, with backward curving blades. The performance of scheme 0.8 - 37 plotted in Fig 1 relates to the best variant that was checked. Tests on models 360 mm diameter showed that the efficiency of the 0.8 - 37 scheme under optimum conditions is 68.5%, against 67% for the 0.7 - 37 scheme. The corresponding figure for a 0.7 - 37 full size fan with wheel diameter of 2000 mm is 70 - 72%, whereas scheme 0.8 - 37 should have an optimum efficiency of at least 72 - 74%. Moreover, as will be seen from Fig 2, the latter has superior regulation characteristics. Its other advantages are also described. Various ways of increasing the effective speed of fans for large boilers are described. The scheme 0.7 - 160 is especially suitable for high-speed fans for large boilers. This type has blades curved sharply back, and was evolved on the basis of model tests. The blades are hollow and profiled and are more efficient than thin unprofiled blades. Model tests on a 360 mm diameter wheel gave the efficiency under optimum conditions

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SOV/96-58-8-8/22

Draught-Producing Equipment for High-Capacity Boilers

as 86%; this and other characteristics are shown in Fig 3. However, this type of fan does not have such good regulation properties as those with blades curved forwards. This is acceptable for large turbo-alternators that will operate mainly on base loads, but care will be required in applying these fans to peak-load stations. Considerations are cited that led to the selection for a 640 ton/hour boiler of two induced-draught fans of scheme 0.8 - 37, and two forced-draught fans of scheme 0.7 - 160. The designs for these machines were prepared by the Podol'sk Engineering Works, using the aerodynamic scheme of the Central Boiler Turbine Institute. Forced-draught fans VD-32-N have intake at one side, and a wheel diameter of 3,200 mm with overhung mounting. An outline drawing is seen in Fig 4: the hollow blades contain stiffening ribs. At an operating speed of 730 r.p.m. the peripheral speed is 120 m/sec. The designed output of each fan is 440,000 m³/hour with a total pressure of 680 kg/m² and an air temperature of 30°C. Drive is through a flexible coupling from a 1200-kW motor. The fan characteristics

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SOV/96-58-8-8/22

Draught-Producing Equipment for High-Capacity Boilers

derived from tests on models are given in Fig 5. Induced-draught fan type D-25 x 2-III with a 2,500 mm diameter wheel has intake from both sides and simplified guide vanes. An outline drawing is given in Fig 6. The designed output of each fan is 700,000 m³/hour with a total pressure of 400 kg/m² and a flue-gas temperature of 100°C. The working speed is 490 r.p.m. The fan characteristics derived from tests on models are plotted in Fig 7. Because of the poor regulation characteristics of machines with blades curved backwards, these fans will have two-speed motors of 730/590 r.p.m. This, combined with the guide vane equipment, will give more efficient regulation, as indicated by the characteristic curves in Fig 8. Fans of this type will also be suitable for boilers of 500 tons/hour. The type of fan to be used for boilers of 1,000 - 2,000 tons/hour has been considered. If, as usual, there are two forced- and two induced-draught fans per boiler, the runners will have to be about 4.5 m diameter and the power of the driving motor around 2,500 kW. For a boiler set of 2,000 tons/hour with cyclone furnaces, the power required

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SOV/96-58-8-8/22

Draught-producing Equipment for High-capacity Boilers

to drive each of two fans will be about 9,000 kW. Special drives will need to be developed for equipment of this size as well as special fans. It may be preferable to increase the number of fans per boiler. Not much more can be done to increase the efficiency of fans, which can already be of the order of 86%. An appreciable reduction in the consumption of electric power for the production of draught should be achieved by reducing the resistance of the gas-air tract of the boiler. If this could be done, high peripheral velocities would not be required in fans, greatly simplifying the constructional problems.

There are 8 figures, no literature references.

ASSOCIATION: MO TsKTI (Moscow Division of the Central Boiler Turbine Institute)

1. Boilers--Equipment
2. Blowers--Design
3. Blowers--Effectiveness

Card 5/5

POSTOLOVSKIY, S.N., inzh.

Study of the aerodynamics of the blading of centrifugal ventilators.
Elek.sta. 31 no.6:28-33 Je '60. (MIRA 13:7)
(Fans, Electric)
(Aerodynamics)

GOTGEL'F, I.M., kand. tekhn. nauk.; POSTOLOVSKIY, S.N., inzh.

Draft and blast equipment for high-capacity boilers [with summary
in English]. Teploenergetika 5 no. 8:39-44 Ag '58. (MIRA 11:8)

1. Moskovskoye otdeleniya Tsentral'nogo nauchno-issledovatel'skogo
kotloturbinного instituta.
(Boilers--Equipment and supplies)